Item No	Description of Work	Unit	A	B	F	Total Quantity as per Estimate	Rate Rs	Amount Rs
329	Supplying and drawing 1 1/2" X 1/2" GI Conduit pipe complete as per specifications and directions of the Engineer in charge	Mtr	0	4.00	0	4.00	20.00	80
330	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable complete as per specifications and directions of the Engineer in charge 2 pairs	R.Mt	0	25.00	0	25.00	14.50	362.5
331	Supplying and Fixing of switch mounting rack with power manager & cable manager cable complete as per specifications and directions of the Engineer in charge 24U with 650mm depth	Each	0	1.00	0	1.00	24,000.00	24000
332	Supplying fixing of Network Switches complete as per specifications and directions of the Engineer in charge 10 Port Gigabyte (manageable)	Each	0	1.00	0	1.00	18,000.00	18000
333	Supply, installation, testing and commissioning of compact ceiling speaker with Back can power handling up to 6 watt RMS/watt/100volt@ 1458 ohms single channel Selectable taping 5" LI driver and tweeter complete as per specifications and directions of the Engineer in charge	No	0	8.00	0	8.00	1,480.00	9230
334	Supplying, erection, testing and commissioning of 62.5kva/50kw Diesel Generating Set on existing CC platform Compising of diesel Engine Developing 50kw BHP @ 1500 RPM confirming to BS 5514. The engine should be turbocharged, Air/water cooled with 10% over load for 1hour in every 12 hours of operation coupled to suitable capacity alernator rated at 415V, 0.8 PF(lag) 50 Hz, 3 phase 4 wire system, confirming to BS 5000/IS 4722. The alternator shall be of brushless type Screen protected, revolving field. Mounted on suitable Channel Iron Base Frame Complete with suitable capacity Fuel Tank, required nos. of Batteries of 12/24V as per requirement. Acoustic enclosure as per CPCB Approved Norms complete as per specifications and directions of the Engineer in charge	Set	0	1.00	0	1.00	514,500.00	514500
335	Geophysical investigation of site for sinking borewell for supply drinking water to the habitation either through the hand pump M W S or P W S S by vertical electrical sounding by adopting venner or schlumberger's method including reconnaissance survey of geological formation Geophysical investigation of existing ground water infecundity its quality, quantity & acceptability of the user indicating the location of site recommended depth of casting pipe required to seal the top in consolidated formation including an extra depth of 1.00 Mtr in consolidated formation of proper seatting of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation technical personal and labour etc complete as per specifications and directions of the Engineer in charge	No	0	1.00	0	1.00	1,938.46	1938.46

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339	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc .) complete as per specifications and directions of the Engineer in charge **150 to 200.00 mtrs**	Rmtr	0	50.00	50	100.00	484.10	48410
340	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc .) complete as per specifications and directions of the Engineer in charge **200 to 250.00 mtrs**	Rmtr	0	50.00	50	100.00	560.32	56032
341	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc .) complete as per specifications and directions of the Engineer in charge **250 to 300.00 mtrs**	Rmtr	0	50.00	50	100.00	600.49	60049

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Item No	Description of Work	Unit	A	B	C	Total Quantity as per Estimation	Rate	Amount
							Rs.	Rs.
342	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc ,) complete as per specifications and directions of the Engineer in charge **300 to 350.00 mtrs**	Rmtr	0	50 00	0	50 00	640 66	32033
343	Supply of ISI mark 175 mm nominal bore plain end steel casing pipe grade of steel Fe 410 of wall thickness 5 4mm thick confirming to IS 4270 2001 and latest amendments electric resistance welded steel tube material and conformming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen preocess in random length of 54 to 7 mts both ends threaded conforming to IS 4270-2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects The tubes shall be reasonably straight should be ISI marking weighing 25 10 kg/m (Inclusssive of all taxes and duties) Prices incluide collar-medium duty (Material component complete as per specifications and directions of the Engineer in charge	m	0	30 00	70 00	100.00	1,325 00	132500
344	Supplying of 175 mm MS cap complete as per specifications and directions of the Engineer in charge	each	0	1 00	0	1 00	100 00	100
345	Supplying of 175 mm MS collars complete as per specifications and directions of the Engineer in charge	each	0	3 00	0	3 00	150 00	450
346	Providing and fixing PVC pipe 250 mm dia 6 kg/sqm complete as per specifications and directions of the Engineer in charge	rmtr	0	6 00	0	6 00	967 00	5802
347	Supplying and delivery at site brand new submersible pump set suitable for 150mm dia borewell of 150 mm dia and having declared duty conditions as detailed below and satisfying performance characteristic for pump and motor as declared by BIS the pump should confirm to IS 8034-1976 (with all its latest amendments) and should bear the ISI certification mark IS 8034-1976 The pumpset should consist bronze impellers disscahrge 7500 lph head 102 88 mtrs 10 00 HP 20 stage (Copy enclosed) complete as per specifications and directions of the Engineer in charge	Set	0	1 00	0	1 00	35,000 00	35000
348	Submersible cable supply and delivery of brand new best make PVC insulated cable of flat 3 core (Shaethed) of nominal cross sectional area to IS 694-1977 with latest amendments and ISI mark 1x3x4 00n(Copy enclosed) complete as per specifications and directions of the Engineer in charge	mtr	0	150.00	0	150 00	145 00	21750
349	Supply and delivery of brand new best make gate Valve 50 mm dia size as per IS 778-1987 complete as per specifications and directions of the Engineer in charge	Each	0	1 00	0	1 00	1,200 00	1200
350	Supply and delivery of brand new best make Non return Valve 50 mm dia size as per IS 10805-1986 with latest amenments complete as per specifications and directions of the Engineer in charge	Each	0	1 00	0	1 00	1,135 08	1135 08
351	Supplying and fixing galvanized steel tube 32 mm GI Pipe (Copy enclosed) complete as per specifications and directions of the Engineer in charge	mtr	0	280 00	0	280 00	296 40	82992

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Item No	Description of Work	Unit	A	B	C	Total Quantity as per Estimation	Rate Rs.	Amount Rs.
352	Meter and panel board Supply and delivery of meter and panel board unit one number of MS box of size 300 x 120 mm size fabricated out of 2 mm thick sheet metal with sealable door arrangement for mounting the CTS (If any) cutouts 3 phase dia 4 wire energy meter and cable box complete A tranperent glass piece should be provided where the energy meter reading could be read h panel board to operate on 50c /400/400 v (Copy enclosed) complete as per specifications and directions of the Engineer th charge	Each	0	1.00	0	1.00	6,630.00	6630
353	Earthing supplying and fixing and witing earth electrode for grounding circuits IC cut outs and other equipment on the meter board in the pit the pits should be filled in with a equal proportion of salt and charcoal 150 mm around the pipe to complete depth the connection from the GI wire of size as per the clause 1, 3.3 of IS 732 using 12 mm bolts nuts washers and check nuts complete (copy enclosed) complete as per specifications and directions of the Engineer in charge	Each	0	1.00	0	1.00	1,500.00	1500
354	Supplying and fixing of MCB on the existing MCB distribution board using necessary materials and wiring complete as required 32 amps (copy enclosed) complete as per specifications and directions of the Engineer in charge	Each	0	1.00	0	1.00	540.00	540
355	Commissioning of work of pumpset including aligning and balancing with all necessary erection of material and labour including supply and erection of two pair of supporting clamps one borewell cap cable clips and water tight gland cable protectors bolts and nuts valves ans gauges etc , all job including fixing sluice valve non return valve etc , and connecting delivery side of pumpset to rising main complete (Copy enclosed) complete as per specifications and directions of the Engineer in charge	Each	0	1.00	0	1.00	1,710.00	1710
356	Erection of panel board and meter board (Copy enclosed) complete as per specifications and directions of the Engineer in charge	Each	0	1.00	0	1.00	425.00	425
357	Brass stop cock (15 mm dia) complete as per specifications and directions of the Engineer in charge	Each	0	1.00	0	1.00	131.84	131.84
358	Supplying and fixing MCB on existing MCB distyribution board using necessary fixing materials and wiring complete as required 321 amps complete as per specifications and directions of the Engineer in charge	Nos	0	1.00	0	1.00	540.00	540
359	Supplying and fixing polished wood board made of not less than 15 mm thick on both sides with made out side more than 2 piece and fixing the same to the mwall musing tapered inverted wooden plugs screws etc 500 x500x 65 mm complete as per specifications and directions of the Engineer in charge	Nos	0	1.00	0	1.00	275.00	275
360	Supplying and fixing and wiring pilot lamps on existing board using 3 nos flush switches surface mounted in a ang box or flush mounted in 4 mm thick plastic sheet 3 nos of amps bakelite fuses and necessary wires (Copy enclosed) complete as per specifications and directions of the Engineer in charge	Nos	0	1.00	0	1.00	137.00	137
361	Supplying, fixing, wiring, earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5m long buried in a pit The pit should be filled with equal propotion of solt and charcoal 150mm around the pipe to complete depth The connection from the pipe to the conduct etc , is to be established through GI wire of size as per ISI specification 7.3.3 IS 732 using 12mm dia bolts, nuts, washers and check nuts, etc , the pipe shall have 16 through holes of 122 mm dia complete as per specifications and directions of the Engineer in charge	Nos	0	1.00	0	1.00	1,500.00	1500

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Item No	Description of Work	Unit	A	B	C	Total Quantity as per Estimation	Rate	Amount
							Rs.	Rs.
369	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as per specification and directions of the Engineer in charge (First Floor)	Sqm	0	0	4.20	4.20	1230.12	5166.504
370	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as per specification and directions of the Engineer in charge (Second Floor)	Sqm	0	0	4.20	4.20	1232.28	5175.576
371	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and directions of the Engineer in charge (Second Floor)	Sqm	0	0	24.45	24.45	1766.88	43200.216
372	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. complete as per specifications and directions of the Engineer in charge (Second Floor)	Sqm	0	0	3.15	3.15	4112.64	12954.816
373	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications (For 2000 Litre capacity) and directions of the Engineer in charge	Each	0	0	1	1.00	14748.48	14748.48
374	Supplying and mounting 2 Nos. of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293 complete as per specifications and directions of the Engineer in charge	Each	0	0	6.00	6.00	132.00	792
375	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 16Amps Combined switch and socket with indication complete as per specifications and directions of the Engineer in charge	No	0	0	31.00	31.00	132.00	4092

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Item No	Description of Work	Unit	A	B	C	Total Quantity as per Estimation	Rate Rs.	Amount Rs.
376	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P W S S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site , engaging techinical personal and labour required etc , complete as per specifications and directions of the Engineer in charge	Each BW	0	0	1	1.00	1882	1882
377	Providing 250mm dia PVC Pipe 6kg/cm BWSSB complete as per specifications and directions of the Engineer in charge	Rmtr	0	0	18	18.00	1100	19800
378	Providing and fixing 160mm Borewell Cap complete as per specifications and directions of the Engineer in charge	Each	0	0	1	1.00	100	100
379	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by meansns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH , 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc complete The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps including of all taxes(12.5 HP 25 Stage) complete as per specifications and directions of the Engineer in charge	No	0	0	1	1.00	60400	60400
380	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments complete as per specifications and directions of the	M	0	0	260	260.00	431	112060
381	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694 1990 & confirming to GTP of GROUP-A complete as per specifications and directions of the Engineer in charge	Mtr	0	0	540	540.00	126.7	68418
382	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) complete as per specifications and directions of the Engineer in charge	Per Length	0	0	130	130.00	88	11440
383	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc , complete as per specifications and directions of the Engineer in charge	Each	0	0	1	1.00	302	302
384	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq mm wire armoured) confirming to IS-3975 1990 (No of Strip indicated in GTP) & extruded PVC	Mtr	0	0	30	30.00	140.4	4212
385	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct complete as per specifications and directions of the Engineer in charge	Mtr	0	0	30	30.00	10.8	324

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Item No	Description of Work	Unit	A	B	C	Total Quantity as per Estimation	Rate Rs.	Amount Rs.
376	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P W S S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1 0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site , engaging techinical personal and labour required etc , complete as per specifications and directions of the Engineer in charge	Each BW	0	0	1	1 00	1882	1882
377	Providing 250mm dia PVC Pipe 6kg/cm BWSSB complete as per specifications and directions of the Engineer in charge	Rmtr	0	0	18	18.00	1100	19800
378	Providing and fixing 160mm Borewell Cap complete as per specifications and directions of the Engineer in charge	Each	0	0	1	1.00	100	100
379	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc complete The pump and motor shall form an integral unit with all the required fittings 12 50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps including of all taxes(12 5 HP 25 Stage) complete as per specifications and directions of the Engineer in charge	No	0	0	1	1.00	60400	60400
380	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments complete as per specifications and directions of the	M	0	0	260	260.00	431	112060
381	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694 1990 & confirming to GTP of GROUP-A complete as per specifications and directions of the Engineer in charge	Mtr	0	0	540	540.00	126.7	68418
382	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6 00) complete as per specifications and directions of the Engineer in charge	Per Length	0	0	130	130.00	88	11440
383	Supplying and fixing 20"x20"x2 5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., complete as per specifications and directions of the Engineer in charge	Each	0	0	1	1.00	302	302
384	Supplying of 1 1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq mm wire armoured) confirming to IS-3975 1990 (No of Strip indicated in GTP) & extruded PVC	Mtr	0	0	30	30.00	140.4	4212
385	Labour charges for laying of 1 1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct complete as per specifications and directions of the Engineer in charge	Mtr	0	0	30	30.00	10.8	324

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Item No	Description of Work	Unit	A	B	C	Total Quantity as per Estimation	Rate	Amount
							Rs.	Rs.
386	Digging of trench of 0 6m deep x 0 50 mtr wide refilling the trench to the required ground level and consolidating etc ,complete as per specifications and directions of the Engineer in charge	Mtr	0	0	25	25 00	85	2125
388	Supplying and fixing L T cast Iron pot heads suitable for 1 1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc , 16Sqmm complete as per specifications and directions of the Engineer in charge	No	0	0	1	1 00	280	280
389	Supplying, fixing, wiring, earth electrode for grounding	No	0	0	1	1 00	2727	2727
390	Supplying & fixing of Porcelain fuse channel with cut out on	No	0	0	6	6 00	180	1080
391	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge 50 mm dia	Nos	0	0	1	1 00	1579 4	1579 4
392	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc , complete as per specifications and directions of the Engineer in charge 50mm dia	No	0	0	1	1 00	227 9	227 9
393	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete as per specifications and directions of the Engineer in charge	No	0	0	4	4 00	104 3	417 2
394	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898, 5-32Amps complete as per specifications and directions of the Engineer in charge	No	0	0	1	1 00	1547	1547
395	Fabricating supplying and mounting MS box made out SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc , complete as per specifications and directions of the Engineer in charge 16SWG	Sq Cm	0	0	23400	23400 00	0 33	7722
396	Supplying fully automatic store detta starer unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3pase and wired offter fixing to the wooden board for motor upto 12 50 HP complete as per specifications and directions of the Engineer in charge	No	0	0	1	1 00	6583	6583
397	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole complete as per specifications and directions of the Engineer in charge	Cum	0	0	112 5	112 50	188	21150
398	Providing and instalation at site of works P V C Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc ,complete as per specifications and directions of the Engineer in charge 75 mm dia 6 KSC PVC pipe	Rmtr	0	0	250	250 00	157	39250

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Item No	Description of Work	Unit	A	B	C	Total Quantity as per Estimation	Rate	Amount
							Rs.	Rs.
399	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs complete as per specifications and directions of the Engineer in charge	Cum	0	0	112 5	112 50	61	6862 5
400	Providing and fixing in position brass gate valve with C I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge	Each	0	0	3	3 00	2120	6380
							Total Amount	65978373.65
							GST Charges (12% of estimated cost)	8299510
							Preparation of DPR and Architectural ,Structural Consultation fee(1% of estimated cost)	800000
							Project management Consultancy Charges(1% of estimated cost)	800000
							Tender premium 5% of Estimated cost	4000000
							Miscellaneous and Bescom Charges	122116
							Grand Total Amount	80000000
							RUPEES EIGHT CRORE ONLY	

CERTIFICATE

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20,PRED 2012-13, SE-RDED approved Rate and Issused Rates

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP
6/12/19

Technical Sanction
Accorded For R.S.&A.W. already
Head of A/C. L.3748
CER NO :263..... Dt:6.12.2019

TA

CE (VNK)

Administrative Approval
Accorded For 25.80 lakhs
Head of A/C..... L-3748
CER NO :..... Dt:19/08/2020

E.E. (Project)
19/8

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Item No	Description of Work	Unit	A	B	C	Total Quantity as per Estimation	Rate Rs.	Amount Rs.
399	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs complete as per specifications and directions of the Engineer in charge	Cum	0	0	112.5	112.50	61	6862.5
400	Providing and fixing in position brass gate valve with C I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge.	Each	0	0	3	3.00	2120	6360
							Total Amount	65978373.65
							GST Charges (12% of estimated cost)	8299510
							Preparation of DPR and Architectural ,Structural Consultation fee(1% of estimated cost)	800000
							Project management Consultancy Charges(1% of estimated cost)	800000
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							Miscellaneous and Bescom Charges	122116
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CERTIFICATE:

1) The work spot has been inspected and found to be necessary
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3) The provisions made in the estimate are necessary and minimum
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Assistant Engineer
BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
BBMP
Project Division
Yelahanka Zone
BBMP, Bangalore-92
6/12/19

Technical Sanction
Accorded For R.S.Rao: Works only
Head of A/C P.3748
CER NO :268 Dt: 6.12.2019

TA

CE (VNK)

Administrative Approval
Accorded For 25.80000 Lakhs
Head of A/C P-3748
CER NO :21 Dt:19/08/2020

E.E. (Project)
19/8

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